

What is claimed is:

1. An electrical plug changer, comprising:

a housing;

a first electrical plug, slidably positioned within the housing;

5 a second electrical plug, slidably positioned within the housing;

a linking mechanism, positioned between the first electrical plug and the second electrical plug, providing relative movement therebetween; and

10 a clamping mechanism, connected to and used to clamp the first electrical plug or the second electrical plug when the electrical plugs protrude.

2. The electrical plug changer as claimed in claim 1, wherein a first cover and a second cover are connected by screwing or snapping.

15

3. The electrical plug changer as claimed in claim 1, wherein the first electrical plug includes two first pins inserted into a first mounting frame and the first electrical plug is slidably positioned on an upper portion of the housing, and wherein the second electrical plug includes
20 **two second pins inserted into a second mounting frame and the second electrical plug is slidably positioned on an upper portion of the housing.**

4. The electrical plug changer as claimed in claim 3, wherein first holes and second holes are provided in a front surface of the housing, and the first pins of the first electrical plug protrude through the first holes and the second pins of the second electrical plug protrude through the second holes.

5. The electrical plug changer as claimed in claim 3, wherein two first conductive members are fixedly positioned on the first mounting frame of the first electrical plug, the second conductive members are fixedly positioned on the second mounting frame of the second electrical plug, the conductive members are fixedly positioned on the housing, and one end of the conductive members being connected with a conductive wire and having a first contact portion and a second contact portion corresponding to the first conductive members and the second conductive members, respectively, wherein when the first electrical plug protrudes forwards, the first conductive members of the first electrical plug are electrically connected with the first contact portion of the second conductive members, and when the second electrical plug protrudes forwards, the second conductive members of the second electrical plug are electrically connected with the second contact portion of the second conductive members.

6. The electrical plug changer as claimed in claim 3, wherein the two first

pins of the first electrical plug and the two second pins of the second electrical plug are electrically connected to an electrical wire.

- 5 7. The electrical plug changer as claimed in claim 3, wherein the linking mechanism includes a central mount and a spur gear, the central mount is positioned on the housing, the spur gear is pivotally coupled to the central mount, and first cylindrical members are positioned on the first mounting frame and second cylindrical members are positioned on the second mounting frame so that the spur gear engages with the first
- 10 cylindrical members and the second cylindrical members.
8. The electrical plug changer as claimed in claim 3, wherein the clamping mechanism includes a sliding plate, a protuberance is provided on the sliding plate, the sliding plate being slidably positioned
- 15 within the housing, the protuberance is slidably mounted in the guide groove, four pins and four sheets are provided at a bottom of the sliding plate, the four pins and four sheets are removably mounted in corresponding holes in the first mounting frame of the first electrical plug, a plurality of resilient members is positioned between the sliding
- 20 plate of the clamping mechanism and the first mounting frame of the first electrical plug, three guide grooves are integrally formed in an inner surface of the housing, and the four sheets of the sliding plate slightly correspond to the guide grooves.

9. The electrical plug changer as claimed in claim 1, wherein a cable jack can be positioned on the housing.

5 10. The electrical plug changer as claimed in claim 1, wherein the housing includes a rechargeable module electrically connected to the first electrical plug and the second electrical plug to provide electrical power to the rechargeable module by an electrical wire.

10 11. The electrical plug changer as claimed in claim 1, wherein the housing includes a rechargeable module electrically connected to the first electrical plug and the second electrical plug, and the rechargeable module is connected to an electrical wire.

15 12. The electrical plug changer as claimed in claim 1, wherein the housing includes a spool to store the conductive wire, and the conductive wire is electrically connected to the first electrical plug and the second electrical plug.

20